

CURRICULUM VITAE

Mark L. Gleason

POSITION

Professor/Extension Plant Pathologist, Department of Plant Pathology and Microbiology, Iowa State University

- Research, extension, and teaching on diseases of horticultural commodities

HONORS AND AWARDS

Fellow Award, American Phytopathological Society, 2013
 Outstanding Achievement in International Agriculture, Iowa State University, 2012
 Extension Educational Team Award, Iowa State University, 2008
 Regents Faculty Excellence Award, Iowa State University, 2006
 Lee M. Hutchins Award for fruit pathology research, American Phytopathological Society, 2004
 Outstanding Achievement in Extension and Professional Practice, Iowa State University, 2001
 Merit Award, Iowa State Horticultural Society, 1998
 Excellence in Extension Award, American Phytopathological Society, 1997

TEACHING

Sus Ag 530, *Ecologically Based Pest Management* (3 credits) - alt. Fall Semesters.
 PI P/Ent/Hort 511, *Integrated Management of Tropical Crops* (3 credits) - alt. Spring Semesters
 PI P/Ent 452/552, *Integrated Management of Turfgrass Diseases and Insect Pests* (3 credits) - alt. Spring Semesters
 PI P 565A, *Responsible Conduct of Research* (1 credit) – Fall and Spring Semesters
 PLPM 628X, *Improving Your Professional Speaking Skills* (2 credits) – Fall Semesters

EDITORIAL

Editor in Chief, *Plant Disease*, 2013-present
 Senior Editor, *Plant Disease*: 2002-2006, 2010-2012
 Feature Editor, *Plant Disease*: 1994-2000
 Associate Editor, *Plant Disease*: 2001-2002

REFEREED PUBLICATIONS (last 4 years; 122 career))

Saalau Rojas, E., Batzer, J.C., Beattie, G.A., Fleischer, S.J., Shapiro, L.R., Williams, M.A., Bessin, R., Bruton, B.D., Boucher, T.J., Jesse, L.C.H., and **Gleason, M.L.** 2014. Bacterial wilt of cucurbits: Resurrecting a classic pathosystem. *Plant Disease*: Submitted.

Gao, L., Zhang, M., Zhao, W., Hao, L., Chen, H., Zhang, R., Batzer, J.C., **Gleason, M.L.**, and Sun, G. 2014. Molecular and morphological analysis reveals five new species of *Zygothiala* associated with flyspeck signs on plant hosts from China. PLoS ONE 9(10): e110717. Doi:10.1371/journal.pone.0110717.

Batzer, J. C., Stensvand, A., Mayfield, D. A., and **Gleason, M. L.** 2014. Composition of the sooty blotch and flyspeck complex on apple in Norway is influenced by location and anagement

practices. *European Journal of Plant Pathology*: Accepted.

Rowlandson, T.L., **Gleason, M.L.**, Sentelhas, P.C., Gillespie, T.J., Thomas, C., and Hornbuckle, B.K. 2014. Rethinking leaf wetness duration determination for plant disease management. *Plant Disease*: In press.

Wang, L., Du, Y., Ju, L., Zhao, Y., Zhang, R., Sun, G., and **Gleason, M.L.** 2014. *Ramichloridium apiculatum*, a new record for China, causing sooty blotch and flyspeck. *Mycotaxon*: Accepted pending revision.

Puttha, R., Goggi, S.A., **Gleason, M.L.**, Jogloy, S., Kesmala, T., Vorasoot, N., Banterng, P., and Patanothai, A. 2014. Pre-chill with gibberellic acid overcomes seed dormancy in Jerusalem artichoke. *Agronomy for Sustainable Development*: Accepted.

Gao, L., Sun, G., and **Gleason, M.L.** 2014. Secondary spread of *Zygophiala wisconsinensis* on the surface of apple fruit. *European Journal of Plant Pathology*: DOI 10.1007/s10658-013-0370-9

Chen, C., Gao, L., Qu, M., Wei, X., Li, W., Zhang, R., Sun, G., and **Gleason, M. L.** 2013. *Peltaster fruticola*, a newly recorded species from China associated with sooty blotch and flyspeck. *Mycotaxon* 123, <http://dx.doi.org/10.5248/123.265>

Saalau Rojas, E., Jesse, L.H., and **Gleason, M.L.** 2013. Bees, beetles, and bacteria: the cucurbit bacterial wilt dilemma. *Plant Health Instructor*: Accepted.

Batzer, J.C., McManus, P.S., and **Gleason, M.L.** 2013. Fungicide spray volume and pruning impact performance of a warning system for sooty blotch and flyspeck on apple. *Plant Health Progress*: doi:10.1094/PHP-2013-0930-01-RS.

Fu, D., Jiang, L., Wang, W., Qin, R., Zhang, R., Sun, G., and **Gleason, M.L.** 2013. *Colletotrichum fruticola*, first record causing bitter rot of apple in China. *Mycotaxon*: Accepted.

Chen, C., Li, W., Gao, L., Zhang, R., Sun, G., and **Gleason, M.L.** 2013. First report of *Pseudoveronaea ellipsoidea* causing sooty blotch and flyspeck on hawthorn from China. *Mycotaxon*: Submitted.

Hao, B., Li, W., Chen, C., Liu, G., Zhang, R., Wang, B., Sun, G., and **Gleason, M.L.** 2013. *Ramichloridium strelitziae*, a new record associated with sooty blotch and flyspeck on *Ravenala madagascariensis* in China. *Mycotaxon* 124: <http://dx.doi.org/10.5248/124.39>

Alesch, A.S., **Gleason, M.L.**, and Nonnecke, G.R. 2013. The case of the missing pollinators. *HortTechnology*: Accepted pending revision.

Xu, C., Wang, C., Sun, X., Zhang, R., **Gleason, M.L.**, and Sun, G. 2013. Multiple group I introns in the small-subunit rDNA of *Botryosphaeria dothidea*: implication for intraspecific genetic diversity. *PLoS ONE*: Accepted.

Saalau Rojas, E., Dixon, P.M., Batzer, J.C., and **Gleason, M.L.** 2013. Genetic and virulence variability among *Erwinia tracheiphila* strains recovered from different cucurbit hosts. *Phytopathology* 103:900-905.

- Li, W., Zhang, R., Suh, G., Batzer, J.C., and **Gleason, M.L.** 2013. A new species of *Devriesia* causing sooty blotch and flyspeck on Rubber Tree in China. *Mycotaxon*: Accepted.
- Latinović, J. Mazzaglia, A., Latinović, N., Ivanović, M., and **Gleason, M.L.** 2013. Resistance of olive cultivars to *Botryosphaeria dothidea*, causal agent of olive fruit rot in Montenegro. *Crop Protection* 48:35-40.
- Mayfield, D.A., Karakaya, A., Batzer, J.C., Blaser, J.M., and **Gleason, M.L.** 2013. Diversity of sooty blotch and flyspeck fungi from apples in northeastern Turkey. *European Journal of Plant Pathology* 135:805-815.
- Spolti, P., Valdebenito-Sanhueza, R.M., **Gleason, M.L.**, and Del Ponte, E.M. 2012. Comparison among calendar, local IPM and warning system-based fungicide applications for controlling sooty blotch and flyspeck of apples in Brazil. *Pesquisa Agropecuária Brasileira*: Accepted pending revision.
- Saalau Rojas, E., and **Gleason, M.L.** 2012. Epiphytic survival of *Erwinia tracheiphila* on muskmelon (*Cucumis melo* L.). *Plant Disease* 96:62-66.
- Nam, M.H., Kim, H.S., Lee, W.K., **Gleason, M.L.**, and Kim, H.G. 2011. Control efficacy of gray mold on strawberry fruits by timing of chemical and microbial fungicide applications. *Korean J. Hort. Sci. Technol.*: In press.
- Cooley, D.R., Clements, J.M., Madeiras, A., Rosenberger, D.A. Cox, K., **Gleason, M.L.**, Koehler, G., Sutton, T.B., and Hartman, J.R. 2011. Variability among apple sooty blotch/flyspeck disease complex forecast models: sources and potential solutions. *Plant Disease* 95:1179-1186.
- Spolti, P., Valdebenito-Sanhueza, R.M., **Gleason, M.L.**, and Del Ponte, E.M. 2011. Inoculum and infection dynamics of the sooty blotch and flyspeck complex of apples in southern Brazil. *Journal of Plant Pathology*: Accepted.
- Saalau Rojas, E., **Gleason, M.L.**, Batzer, J.C., and Duffy, M.D. 2011. Feasibility of using delayed-removal row covers for suppression of bacterial wilt of muskmelon (*Cucumis melo* L.). *Plant Disease* 95:729-734.
- Mirzwa-Mróz, E., Wińska-Krysiak, M., Marcinkowska, J., and **Gleason, M.L.** 2011. First report of *Microcyclosporella mali* causing sooty blotch and flyspeck disease on plum in Poland. *Plant Disease* 95:493.
- Li, H.Y., Sun, G.Y., Batzer, J.C., Crous, P.W., Groenewald, J.Z., Karakaya, A., and **Gleason, M.L.** 2011. *Scleroramularia* gen. nov. associated with sooty blotch and flyspeck of apple and pawpaw from the Northern Hemisphere. *Fungal Diversity* 46:53-66.
- Gleason, M.L.**, Batzer, J.C., Sun, G., Zhang, R., Díaz Arias, M.M., Sutton, T.B., Crous, P.W., Ivanović, M., McManus, P.S., Cooley, D.R., Mayr, U., Weber, R.W.S., Yoder, K.S., Del Ponte, E.S., Biggs, A.R., and Oertel, B. 2011. A new view of sooty blotch and flyspeck. *Plant Disease* 95:368-383.